

Attorney Docket No: NVID-001/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Examiner: U. Chauhan

Filed: April 7, 1998

Art Unit: 2676

Confirmation No.: 5595

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

U.S. Patent and Trademark Office
220 20th Street South
Customer Window, Mail Stop RCE
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.
§§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each non-patent document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. ___ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- ☐ Publication(s) ___ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to ___ application serial no. ___ and mailed on ___.

- ☐ Enclosed is a copy of a non-English publication(s) _____. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) _____. English language publication ____ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) _____ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) _____ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. _____.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☐ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in this international application;
- ☐ before the mailing date of a first office action on the merits; or
- ☒ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

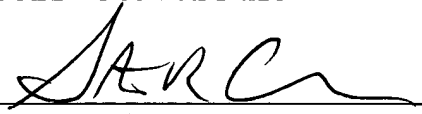
It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 12/20/04

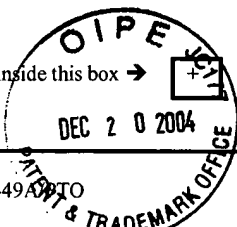
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Respectfully submitted,
COOLEY GODWARD LLP

By:


Steven R. Olsen
Reg. No. 48,174

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		<i>Complete if Known</i>			
		Application Number	09/056,656		
		Filing Date	April 7, 1998		
		First Named Inventor	Curtis PRIEM		
		Group Art Unit	2676		
		Examiner Name	Ulka Chauhan		
Sheet	1	of	1	Attorney Docket Number	NVID001/00US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A1	5,842,015		Cunniff, et al.	11-24-1998
	A2	6,011,565		Kuo, et al.	01-04-2000
	A3	6,067,090		Sreenivas, et al.	05-23-2000
	A4	6,085,292		McCormack, et al.	07-04-2000
	A5	6,173,378	B1	Rozario, et al.	01-09-2001
	A6	6,252,608	B1	Snyder et al.	06-26-2001
	A7	6,253,262	B1	Rozario, et al.	06-26-2001
	A8	6,278,645	B1	Bucklelew, et al.	08-21-2001
	A9	6,333,743	B1	Gossett, et al.	12-25-2001

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			

OTHER – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	Williams, T., "80860 May Force Rethinking of Graphics Systems Architectures," Computer Design, may 1, 1989		
	C2	1860 64-Bit Microprocessor, Preliminary Data Sheet, October 1989		
	C3	1860 Microprocessor Family, Programmer's Reference Manual 1991, Intel Corporation		
	C4	1860 Microprocessor Hardware Reference Manual 1990, Intel Corporation		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

228017 v1/RE

4vxt01!.DOC

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number.

² Applicant is to place a check mark here if English language Translation attached.



I hereby certify that this correspondence is being deposited with sufficient postage with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on June 1, 1999 June 1, 1999.

Stephen L. King, registered representative

Stephen L. King June 1, 1999

Serial No.: 09/056,656

Filing Date: April 4, 1998

Client: NVIDIA

Title: Texture Cache etc.

Inventor(s): PRIEM ET AL

Applic. NV30

Atty/Secty: SK

Date Mailed: JUNE 1, 1999

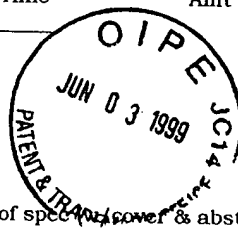
Docket Due Date:

The following have been received in the U.S. Patent & Trademark Office on date stamped hereon:

- | | | |
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| <input type="checkbox"/> Amendment/Response, pages | <input type="checkbox"/> Issue Fee Transmittal | <input type="checkbox"/> Check No. 11925 |
| <input type="checkbox"/> Appeal Brief | <input type="checkbox"/> Notice of Appeal | Amt. \$105 |
| <input type="checkbox"/> Assignment & COVER | <input type="checkbox"/> PCT Application | <input type="checkbox"/> Check No. |
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| <input type="checkbox"/> Declaration & POA | <input type="checkbox"/> Power of Attorney | |
| <input type="checkbox"/> Design Patent Application | <input type="checkbox"/> Preliminary Amendment | |
| <input type="checkbox"/> Divisional Application | <input type="checkbox"/> Reply Brief | |
| <input type="checkbox"/> Drawings: 7# of shts includes 10 figs. | <input type="checkbox"/> Small Entity Declaration | |
| <input type="checkbox"/> Express Mail No EE588870609 | <input type="checkbox"/> Transmittal Letter | |
| <input type="checkbox"/> TWO (2) months extension of time | <input type="checkbox"/> Utility Pat. App. pages of spec. & cover & abstract) | |

☒ Other-Prior Art Statement

-Four references cited in Prior Art Statement



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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

09/056,656

Filing Date

April 4, 1998

First Named Inventor

C. Priem

Group Art Unit

2752

Examiner Name

Attorney Docket Number

NV30

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Williams, T., "80860 May Force Rethinking of Graphics Systems Architectures," Computer Design, May 1, 1989.	
	2	I860 64-Bit Microprocessor, Preliminary Data Sheet, October 1992 1989	
	3	I860 Microprocessor Family, Programmer's Reference Manual 1991, Intel Corporation.	
	4	I860 Microprocessor Hardware Reference Manual 1990, Intel Corporation.	
		These references all relate to the same Intel microprocessor, 80860. The documents were all offered as evidence in a patent infringement lawsuit involving U.S. patent 5,706,481d owned by Silicon Graphics Inc. The lawsuit claims infringement by making and selling a product including the invention of the present application. The assignee's expert testified that claim 7 of the present invention reads on the William's reference. However, the expert did not know that the claim was from the application, had not read the application, and did not know the meaning of the terms used in the claim in the context of the application. His only context for the meaning of the terms was the William's reference.	

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Signature

Date

Considered

*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PLEASE STAMP AND RETURN TO SHOW RECEIPT OF:

In re Application of: **Curtis PRIEM et al.**

Serial No.: 09/056,656

Filed: April 7, 1998

Confirmation No: 5595

Examiner: U. Chauhan

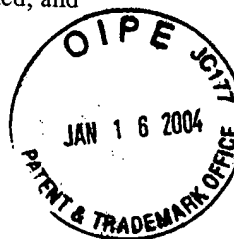
Art Unit: 2676

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

1. Supplemental Information Disclosure Statement Transmittal;
2. Supplemental Information Disclosure Statement;
3. PTO/SB/08A and (9) References Cited; and
4. Return Postcard.

Dated: January 16, 2004

Atty. Docket No.: NVID-001/00US



Client/Matter No.: 140060-2002
Attorney/Secretary: SRO/krf

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Due:

By:

COOLEY GORWARD LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Examiner: U. Chauhan

Filed: April 7, 1998

Art Unit: 2676

Confirmation No.: 5595



For: TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR

U.S. Patent and Trademark Office

2011 South Clark Place

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Arlington, VA 22202

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- ☐ In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- ☒ In accordance with 37 C.F.R. §1.97(c), also enclosed is:
- ☒ the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
- ☐ a statement as specified in 37 C.F.R. §1.97(e).
- ☐ In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- ☒ A return receipt postcard is also enclosed.

The Commissioner is hereby authorized to charge the fee of **\$180.00** and any other appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. (RE) 50-1283.

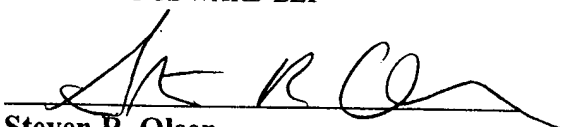
Dated: 1/16/04

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193207 v1/RE
452V011.DOC

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Filed: April 7, 1998

Confirmation No.: 5595



Examiner: U. Chauhan

Art Unit: 2676

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

U.S. Patent and Trademark Office

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Arlington, VA 22202

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(c)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08A is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. 09/711,881 now US patent 6,609,126B1 to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- ☐ Publication(s) ____ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to ____ application serial no. ____ and mailed on ____.
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- ☐ Enclosed is an explanation of non-English publication(s) ____ for which an English translation is not available.

- ☐ Enclosed is an English translation of non-English publication(s) ___ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. ___.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

- ☒ a final action under 37 C.F.R. §1.113;
- ☐ a notice of allowance under 37 C.F.R. §1.311; or
- ☐ an action that otherwise closes prosecution in this application.

In accordance with 37 C.F.R. §1.97(c) also enclosed is:

- ☒ Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00; or
- ☐ Statement as specified in 37 C.F.R. §1.97(e):
- ☐ Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

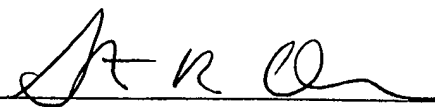
It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 1/16/04

Respectfully submitted,
COOLEY GODWARD LLP

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